



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q90294

Takayuki ARAKI, et al.

Appln. No.: 10/552,684

Group Art Unit: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: October 11, 2005

For: CYCLIC ETHER COPOLYMER, COATING RESIN COMPOSITION, OPTICAL DEVICES, AND PROCESS FOR PRODUCTION OF THE DEVICES

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a

## INFORMATION DISCLOSURE STATEMENT

Q90294

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foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2004/004613 dated July 20, 2004), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office. Additionally, Applicants attach English language Abstracts for JP 58-38707, JP 5-88026, JP 10-72508 and JP 10-227931.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicants also submit machine translations of JP 10-227931 and JP 5-88026. Additionally, EP 0 073 087 corresponds to JP 58-38707 and U.S. Patent No. 5,883,177 corresponds to JP 10-72508

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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Date: January 11, 2006

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| Substitute for Form 1449 A & B/PTO   |  | Complete if Known    |                  |
|  |  | Application Number   | 10/552,684       |
|  |  | Confirmation Number  | Not Yet Assigned |
|  |  | Filing Date          | October 11, 2005 |
|  |  | First Named Inventor | Takayuki ARAKI   |
|  |  | Art Unit             | Not Yet Assigned |
|  |  | Examiner Name        | Not Yet Assigned |
| Attorney Docket Number   |  | Q90294               |                  |
| Sheet 1 of 1   |  |                      |                  |

## U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
|                    |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                    |                       | US 5,883,177    |                                      | 03-16-1999                     | COLAIANNA et al.                                |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation <sup>6</sup>         |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|----------------------------------|
|                    |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |   |                                  |
|                    |                       | EP                        | 0 073 087           | A1                                   | 03-02-1983                     | E.I. DU PONT DE NEMOURS AND COMPANY             |                                  |
|                    |                       | JP                        | 58-38707            |                                      | 03-07-1983                     | DU PONT   | Abstract                         |
|                    |                       | JP                        | 5-88026             |                                      | 04-09-1993                     | NIPPON TELEGRAPH & TELEPHONE CORP               | Abstract and Machine translation |
|                    |                       | WO                        | 95/07306            |                                      | 03-16-1995                     | E.I. DU PONT DE NEMOURS AND COMPANY             |                                  |
|                    |                       | EP                        | 0 645 406           | A1                                   | 03-29-1995                     | E.I. DU PONT DE NEMOURS AND COMPANY             |                                  |
|                    |                       | JP                        | 10-72508            |                                      | 03-17-1998                     | AUSIMONT SPA                                    | Abstract                         |
|                    |                       | JP                        | 10-227931           |                                      | 08-25-1998                     | NIPPON TELEGRAPHY & TELEPHONE CORP              | Abstract and Machine translation |
|                    |                       |                           |                     |                                      |                                |   |                                  |
|                    |                       |                           |                     |                                      |                                |   |                                  |
|                    |                       |                           |                     |                                      |                                |   |                                  |
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|                    |                       |                           |                     |                                      |                                |   |                                  |

## NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
|--------------------|-----------------------|--|--------------------------|
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|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /Helen Pezzuto/ | Date Considered | 09/01/2008 |
|--------------------|-----------------|-----------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document. <sup>4</sup> Enter document number. <sup>5</sup> Enter kind of document by the appropriate symbol as indicated on the document under WIPO Standard 4. <sup>6</sup> If possible, Applicant is to indicate how it is translated. If English language Translation is attached.